



API Documentation

API TYPE:

CIPC DIRECTOR

CALL FUNCTION:

pbverify-cipc-director-search

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1. Introduction

JSON

(JavaScript Object Notation) is a text-based, human-readable data interchange format used for representing simple data structures and objects in Web browser-based code. **JSON** is also sometimes used in desktop and server-side programming environments.

REST

(Representational State Transfer) is an architectural style, and an approach to communications that is often used in the development of [Web services](#). The use of REST is often preferred over the more heavyweight [SOAP](#) (Simple Object Access Protocol) style because REST does not leverage as much bandwidth, which makes it a better fit for use over the Internet. The SOAP approach requires writing or using a provided server program (to serve data) and a client program (to request data).

This document serves as technical guide to allow 3rd parties to access the PBVerify API Service by means of RESTful web service through a secure HTTPS tunnel.

Note that this is not a free service and all transactions must be considered billable. To activate the service please contact us for more information on 011 516 9400 and ask to speak with a pbVerify consultant.

2. Service Overview

PBVerify CIPC Directorship Search

Function: pbverify-cipc-director-search

- a. The API service provides an efficient and fast way to retrieve commercial company principles (Directorships in different companies) information from CIPC (Companies and Intellectual Properties Commission)
- b. A valid ID number of a Director submitted to the **pbverify-cipc-director-search** function will result in returning any directorships that person may have registered with CIPC.
- c. The return file will compromise of the following:
 - i. List and details of each commercial entity where this person holds Directorships. (See call function specification later in this document with return fields).

3. RESTful Service

This service is a standard RESTful Web service via a HTTPS tunnel. The section below covers the connections strings and the methods exposed via the service.

RESTful CONNECTION	POST
URL	https://www.veriid.com/PBVerify/webservice/pbverfiy-cipc-director-search/
Expected Variables	memberkey , password, directorship_details

EXPOSED FUNCTIONS

FUNCTION	PARAMETER	TYPE	NOTES	RETURN
pbverfiy-cipc-director-search	memberkey	String	Authentication Username	JSON OUTPUT
	password	String	Authentication Password	
	directoship_details	Array	Array of directors details	
		0	idNumber	

4. RESTful JSON Response

pbverfiy-cipc-director-search - **Failure**

```
{
  "Status": "Failure",
  "Error": "Your Email Address or Password was blank, please try again"
}
```

pbverfiy-cipc-director-search – **Success**

```
{
  "Status": "Success",
  "DirectorShips": [{
    "DisplayText": "CIPRO Directorship Informationn",
    "DirectorDesignationDesc": "",
    "AppointmentDate": "2016-12-13",
    "CommercialName": "TEST COMPANY 1",
    "RegistrationNo": "K2014\535517\37",
    "PhysicalAddress": "SOME RANDOM STREET ADDRESS",
    "TelephoneNo": "",
    "SICDesc": "Agriculture hunting forestry and fishing",
    "DirectorStatus": "Active"
  },
  {
    "DisplayText": "CIPRO Directorship Informationn",
    "DirectorDesignationDesc": "",
    "AppointmentDate": "2010-02-03",
    "CommercialName": "TEST COMPANY 2",
    "RegistrationNo": "B2088\075161\23",
    "PhysicalAddress": "SOME OTHER RANDOM STREET ADDRESS",
    "TelephoneNo": "",
    "SICDesc": "Computer and related activities",
    "DirectorStatus": "Active"
  },
  {
    "DisplayText": "CIPRO Directorship Informationn",
    "DirectorDesignationDesc": "",
    "AppointmentDate": "2006-06-30",
    "CommercialName": "TEST COMPANY 3",
    "RegistrationNo": "M2045\015091\07",
    "PhysicalAddress": "SOME OTHER OTHER RANDOM STREET ADDRESS",
    "TelephoneNo": "",
    "SICDesc": "Retail trade, except of motor vehicles and motor cycles; household goods",
    "DirectorStatus": "Resigned"
  }
  ]
}
```

5. PHP Client Connection

```
<?php
```

```
ini_set('display_errors', 1);
ini_set('display_startup_errors', 1);
error_reporting(E_ALL);
```

```
function getCall($memberkey, $password, $director_details){
```

```
    $url = "https://www.veriid.com/PBVerify/webservice/pbverify-cipc-director-search";
    $data = array('memberkey' => $memberkey, 'password' => $password, 'director_details' =>
$director_details);
```

```
    //echo urldecode(http_build_query($data));
```

```
    //exit;
```

```
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, $url);
    curl_setopt($ch, CURLOPT_POST, count($data));
    curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($data));
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
    $output = curl_exec($ch);
    $info = curl_getinfo($ch);
    $error = curl_error($ch);
    curl_close($ch);
```

```
    echo "<pre>" . print_r($output, true) . "</pre>";
```

```
}
```

```
$director_details = array(
    "idNumber" => "534634563456345", // ID Number of person doing search for
    "yourReference" => "465465",
);
```

```
getCall("YOUR MEMBERKEY GOES HERE", "YOUR PASSWORD GOES HERE", $director_details);
```

6. Management Console

http://www.pbverify.co.za/API_Manager

- Use Username and Password Provide by PBSA to Login
- System can be used to maintain Company Information
- Quick view of last 25 live API calls
- Reporting to view between dates of API calls
- Check status of each transaction with error codes.